

DEC 04 2007

AMENDMENTS TO THE SPECIFICATION

**Please amend the paragraph beginning on page 1, line 11 as follows:**

Production of semiconductor memory cards is a rapidly growing industry of recent years that has drawn attention from entities in many areas, such as mass media medias, financial institutions, and governmental institutions both national and local.

**Please amend the paragraph beginning on page 1, line 16 as follows:**

It is a function for protecting contents stored in a memory card that has caught such heavy attention attentions. Popular examples of semiconductor memory cards include an SD memory card and an IC card. The SD memory card is a contact type semiconductor memory card, having a nonvolatile memory, a logic circuit, and a connector. When a host device connects to the SD memory card via the connector ~~connector~~, the SD memory card allows the host device to access the nonvolatile memory after authenticating the host device by performing a challenge-and-response mutual authentication. Because the SD memory card is able to reject an access from an unauthorized device and has a large capacity of nonvolatile memory from 64 MB to 1 GB, it is desirable to use the SD memory card for storing data that needs copyright protection, such as audio data and video data.

**Please amend the heading on page 3, line 8 as follows:**

Summary ~~Disclosure~~ of the Invention

**Please amend the paragraph beginning on page 4, line 12 as follows:**

The program is able to read from and write to the area only after the unique encryption

key is assigned to the program. Accordingly, even if more than one ~~program accesses programs~~ ~~accesses~~ to the semiconductor memory card and one of the programs revealed the encryption key assigned to it, data that other programs have written to the semiconductor memory card may not be decoded by the encryption key assigned to the program. Even if an encryption key of one program is revealed, the rest of the EC client applications will not be affected, and therefore it is possible to maintain the secrecy of the data the programs write.

**Please amend the heading on page 7, line 13 as follows:**

Detailed Description of Best Mode for Carrying Out the Invention

**Please amend the paragraph beginning on page 11, line 6 as follows:**

As shown in FIG.2, a a connector, a tamper resistant module (TRM) 1, a flash memory 2 having 256 MB storage capacity are mounted in the semiconductor memory card according to the present invention.

**Please amend the paragraph beginning on page 12, line 19 as follows:**

The mask ROM 6 is a read only memory in which an operation system (OS), a Java virtual machine, and an application are stored in advance. The SD portable device 300 runs in the EC mode by being booted with the bootstrap from a fixed address in the mask ROM 6.

**Please amend the paragraph beginning on page 12, line 25 as follows:**

FIG.4 illustrates a software structure for a part corresponding corresponds to the mask

ROM 6 and the CPU 7 in the TRM 1 of FIG.3. A part shown as wk 1 in a broken line is a module compatible with the IC card (IC-card-compatible module). A part that is inside the TRM 1 and outside the broken line is a module compatible with the SD memory card.

**Please amend the paragraph beginning on page 13, line 17 as follows:**

The EC client applications 8 are a kind of EC application ~~applications~~ described in the Java language, and access the EC server 100 based on a user operation. The EC server 100 has more than one EC server application, each for a different kind of EC service~~services~~, and the SDeX memory card 400 also has more than one EC client application, each for a different kind of EC service ~~services~~. "C\_APL1, 2, 3, ...n" in the drawing indicates that the SDeX memory card 400 has the EC client applications that correspond to the EC server application S\_APL1, 2, 3, ...n, respectively. By the EC client applications 8 sending and receiving commands between the EC server applications on the EC server 100 via the card reader/writer 200 and the base station 210, a user may accept various EC services on the EC server 100. When the EC command received from an EC server application on the EC server is a write data command, a corresponding EC client application outputs the received EC command to the OS 10 via the Java virtual machine 9.

**Please amend the paragraph beginning on page 14, line 28 as follows:**

Generally, a file system of a storage medium is an area in the storage medium and data stored in the file system is recognizable as a file or a directory. Specifically, programs accessing the storage medium may write and read data to and from the file or the directory without concern

~~concerning~~ about a physical unit in the storage medium such as a ~~sector~~ ~~sectors~~ and a recording block. An information system for realizing the file and the directory on the storage medium is called a file system structure. The logical format described above includes such file systems for each of the EC client applications ~~application~~.

**Please amend the paragraph beginning on page 18, line 13 as follows:**

The "Duplicate File Allocation Table (FAT)" is made of two FATs compliant with ISO/IEC 9293. Each FAT includes FAT entries which each correspond to a different cluster. Each FAT entry indicates whether or not the corresponding cluster is being used. If the corresponding cluster is not used, the file entry is set "0", and if the corresponding cluster is used, a cluster number is set for the file entry. The cluster number indicates a linkage among clusters, such as which cluster to be read next after reading the cluster that corresponds to the file entry of the cluster number.

**Please amend the paragraph beginning on page 24, line 1 as follows:**

In the indirections uc1-uc7, the EC client application performs a file system open and a file open, in an order, prior to writing to the flash memory 2. When the file system open is instructed, the area expansion unit 11 performs attaching the file system.

**Please amend the paragraph beginning on page 40, line 20 as follows:**

As described above, the data that is small in size and frequently renewed, such as file entries and FAT, are stored in the secondary memory module made of the FeRAM, and thus, it is

possible to realize a high speed re-writing of the data such as file entries and FAT.

**Please amend the paragraph beginning on page 43, line 18 as follows:**

In the first to the seventh embodiments, the practical examples of the program are is described as the program installed in the SDex memory card 400. However, it is also possible that the program alone is put into practice, separated from the SDeX memory card 400. Examples of the practical uses of the program alone include (i) manufacturing the program, (ii) transferring the program regardless of whether or not compensation is received, (iii) lending the program, (iv) importing the program, (v) providing the program via a bi-directional electronic communication line regardless of whether or not compensation is received, (vi) offering transferring or lending of the program to general users by storefront display, catalog invitation, distribution of brochure, and such.

**Please amend the paragraph beginning on page 44, line 3 as follows:**

The example (v) of the practical uses about providing the program via a bi-directional electronic communication line includes (a) a provider sends the program to a user and has have the user use (program download service), and (b) only functions of the program are is provided to the user via the electronic communication line and the program itself remains on the provider side (Function Providing ASP service).